

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: References of record, taken singly or in combination, fail to teach or fairly suggest the contrast system for synthesizing a desired output electromagnetic field of independent apparatus claim 1, wherein the system comprises a first phase modifying element, a first Fourier or Fresnel optics, a spatial filter, a second Fourier or Fresnel optics and a second phase modifying element, arranged in this order, to perform respective functions as characterized in the claim in order to obtain the desired output electromagnetic field. As regards independent method claim 14, the content of which, it is noted, is inherently derived from claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LOHA BEN whose telephone number is (571)272-2323. The examiner can normally be reached on M-SAT, generally between 12:01 p.m. to 8:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack, can be reached on M-F, at (571) 272-2333. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

December 1, 2009

/Loha Ben/
Primary Examiner, Art Unit 2873